

**TECHNICAL WORK MAY NOT BEGIN PRIOR TO CO APPROVAL**

NASA/GODDARD SPACE FLIGHT CENTER

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**REQUEST FOR TASK PLAN / TASK ORDER**

CONTRACTOR	CONTRACT NO./TASK NO.	JOB ORDER NUMBER	APPROP. FY
QSS Group, Inc.	NAS5- 99124      TASK NO. <b>257</b> AMENDMENT	415-616-31-01-89	00

TASK TITLE: (NTE 80 characters; include Project name)

GOES Project Field Office Engineering Services at SS/L and ITT -- GOES L-M

APPROVALS: (Type or print name and sign)

ASSISTANT TECHNICAL REPRESENTATIVE (OR TASK MONITOR)		DATE	ORG CODE	MAIL CODE	PHONE
Robert W. McIntyre <i>Robert W. McIntyre</i>		3.31.00	730.2	415	301-286-6827
BRANCH HEAD		DATE	CODE		PHONE
Martin A. Davis <i>Martin A. Davis</i>		4/1/00		415	301-286-8998
CONTRACTING OFFICER'S TECHNICAL REPRESENTATIVE (COTR)		DATE	CODE		PHONE
Robert S. Lebaire, Jr. <i>Robert S. Lebaire, Jr.</i>		4/5/00		560	301-286-6588
FLIGHT HARDWARE, CRITICAL GSE OR SOFTWARE? (IF YES, NEED CODE 303 CONCURRENCE NEXT BLOCK)		CONTRACTING OFFICER'S QUALITY REP.		DESIGNATED FAM:	
[X] NO      [ ] YES					

The contractor shall identify and explain the reason for any deviations, exceptions, or conditional assumptions taken with respect to this Task Order or to any of the technical requirements of the Task Order Statement of Work and related specifications. The contractor shall complete and submit the required Reps and Certs.

(To be completed by Contracting Officer)

C.O. Requested Quote on:  
Date: **APR 6 2000**

Contractor will develop specification or statement of work under this task for a future procurement.	[X] NO      [ ] YES
Flight hardware will be shipped to GSFC for testing prior to final delivery.	[ ] NO      [ ] YES      [X] N/A
Government Furnished Property/Facilities:	[ ] NO      [X] YES -- SEE LIST OF GFP (offsite only) / FACILITIES (onsite only)
Onsite Performance:	[X] NO      [ ] YES      If yes: [ ] TOTAL      [ ] PARTIAL If partial, indicate onsite work in SOW by asterisk (*)
Surveillance Plan Attached:	[X] NO      [ ] YES
Highlighted Contract Clauses:	(to be completed by Contracting Officer)

PER CLAUSE H.14, TASK ORDERING PROCEDURE, SUBPARAGRAPH (F), THE EFFECTIVE DATE OF THIS TASK ORDER SHALL BE MAY 1, 2000

**INCENTIVE FEE STRUCTURE (check one)**

(See Contract NAS5-99124, Attachment K, Incentive Fee Plan)

	X No. 1	No. 2	No. 3	No. 4	No. 5
Cost	10%	50%	25%	25%	%
Schedule	15%	25%	25%	50%	%
Technical	75%	25%	50%	25%	%

(To be completed by Contracting Officer)

The target cost of this task order is \$ 178,153  
 The target fee of this task order is \$ 11,580  
 The total target cost and target fee of this task order as contemplated by the Incentive Fee clause of this contract is \$ 189,733  
 The maximum fee is \$ 16,925  
 The minimum fee is \$0.

**AUTHORIZED SIGNATURE:**

THIS TASK ASSIGNMENT IS ISSUED ACCORDING TO THE CONTRACT CLAUSE "TASK ASSIGNMENTS AND REPORTS"

*Elizabeth J. Austin*      4/28/00  
 SIGNATURE OF CONTRACTING OFFICER      DATE

**ELIZABETH J. AUSTIN**  
**CONTRACTING OFFICER**

**CONTRACTOR'S ACCEPTANCE:**

AUTHORIZED SIGNATURE

DATE

## REQUEST FOR TASK PLAN / TASK ORDER

<b>CONTRACTOR</b>	<b>CONTRACT NO./TASK NO.</b>	<b>TASK NO.</b>	<b>AMENDMENT</b>
<b>QSS Group, Inc.</b>	<b>NAS5- 99124</b>	<b>257</b>	

Applicable paragraphs from contract Statement of Work:      Function 2b

**STATEMENT OF WORK:**      (Continue on blank paper if additional space is required)

*(This is a follow-on to Task 86 under this contract; uninterrupted transition is required.)*

The contractor shall provide system engineering evaluations and assessments of test requirements, spacecraft integration and related activities. This work is required to ensure the successful launch of the GOES-L-M satellites. In addition, the contractor is expected to supply onsite personnel to insure the smooth flow and engineering checkout of the satellite at Cape Kennedy.

a. Evaluate the NASA/GSFC GOES-L-M hardware development and the spacecraft integration and testing at the Space Systems/Loral plant located in Palo Alto, California.

b. Assess and report the GOES engineering effort for the NASA lead (Resident and Remote) I&T Manager. Take responsibility to evaluate engineering problems in the absence of the Code 415 I&T Manager. Advise and recommend to the I&T Manager what is required to resolve test discrepancies and then implement his direction. Overall, ensure that the verification testing for the satellite meets the requirements outlined in the NASA contract.

c. Provide the NASA resident office with administrative services using technical knowledge.

d. Evaluate and report on the contractor's configuration management and schedules and reporting system to the GOES Project Office.

e. Provide a continuous flow of information regarding the status of the Imager, Sounder and SXI instruments to the GOES Project Office at GSFC.

f. Report engineering problems to GSFC and participate in resolving the discrepancies by coordinating with the proper GSFC GOES subsystem engineers.

g. Provide GSFC coordinated management evaluations and reports of meetings conducted at ITT and SS/L.

h. Provide engineering capabilities to insure proper design review of mechanical and electro-mechanical devices on the GOES L-M satellites. This work will be accomplished during the design, fabrication, testing and launch activities of the GOES L-M satellites.

i. Assess design reviews, evaluate testing and integration activities, evaluate system performance, physically participate in required launch activities and participate in all phases of operation planning for subsystems, and instruments.

j. Provide Imager/Sounder test and integration engineering assessment to insure reliable development and testing at vendor facilities. Coordinate GSFC support services when required and manage, with Code 415 personnel, the integration of each instrument on the spacecraft.

k. Provide engineering and analysis services to the GOES Project to evaluate the design, development and test of the GOES-M SXI instruments.

**PERFORMANCE SPECIFICATIONS:**

All plans and procedures under this task are to be produced using industry standards.

**APPLICABLE DOCUMENTS:**

Evaluation and input to be based on all applicable GOES Spacecraft Performance and Verification Documents.

**TASK END DATE:**      9/30/00

**MILESTONES/DELIVERABLES AND DATES:**

Integration/Test Reports	Email* daily by COB
Spacecraft/Contractor Issues and Status Report	Monthly
GOES L-M Launch Site Daily Spacecraft Processing Status Report	Email* daily by COB

\* Robert.W.McIntyre.1@gsfc.nasa.gov

**PERFORMANCE STANDARDS:**

Schedule:	On-time delivery/completion of the above
Technical:	ATR's acceptance of the above

**FINAL DELIVERY DESTINATION (NAME, BLDG, ROOM):**

Robert McIntyre, building 6, room W219